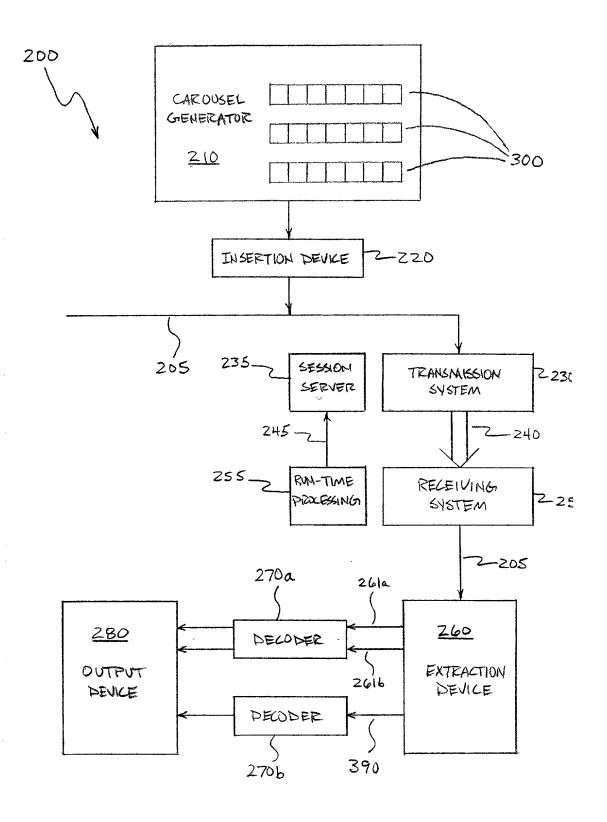
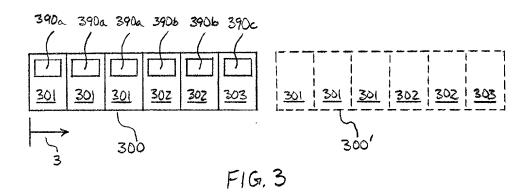


FIG. 1 (PRIOR ART)



F1G. Z



490a 490c 490b 490a 490b 490a 401 403 402 401 402 401 401 403 402 401 402 401 400' FIG. 4

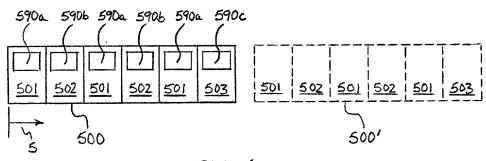
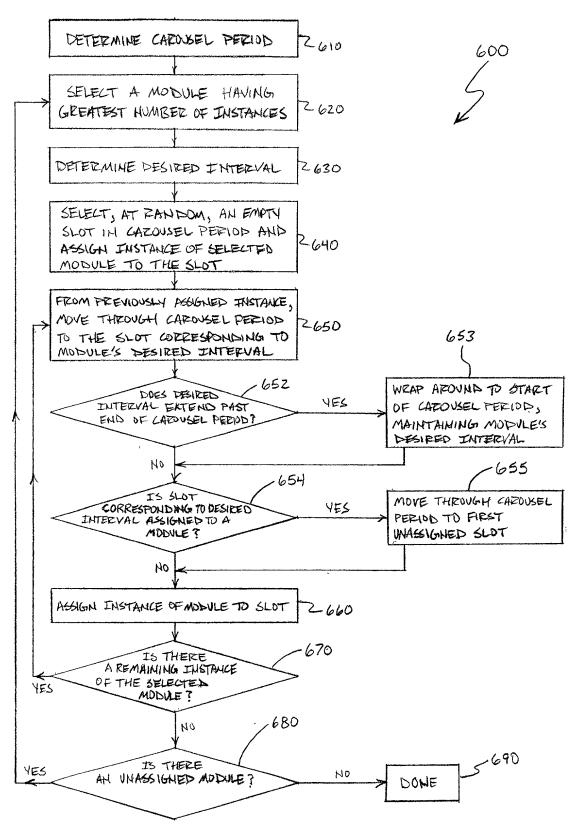
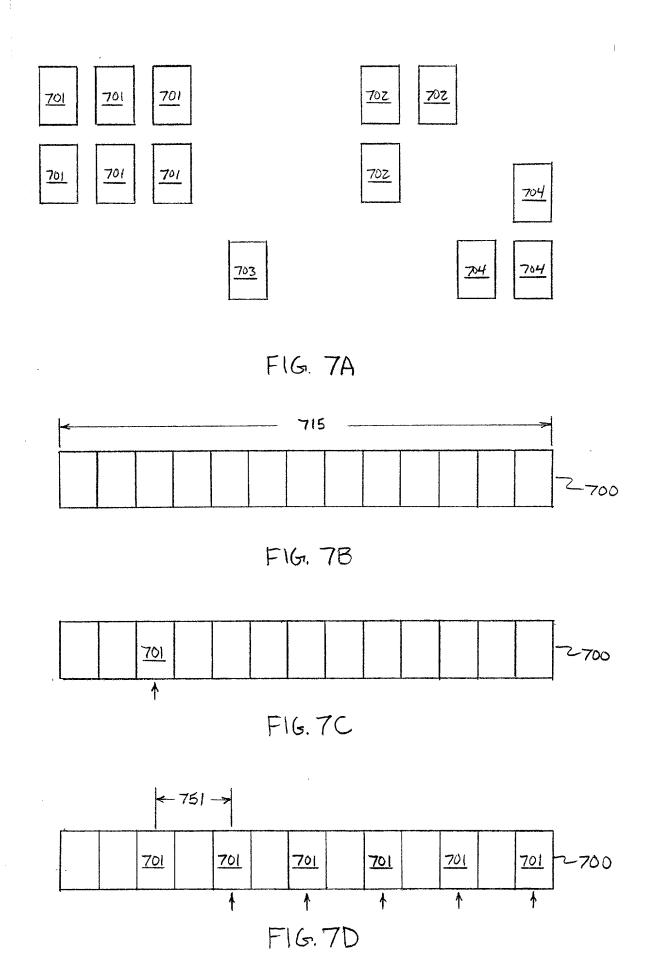
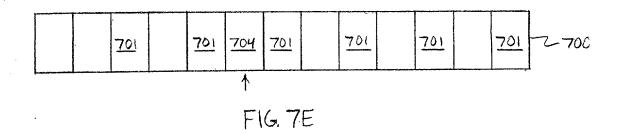


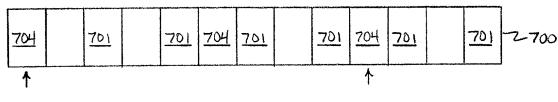
FIG.5



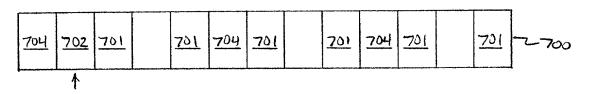
F16.6



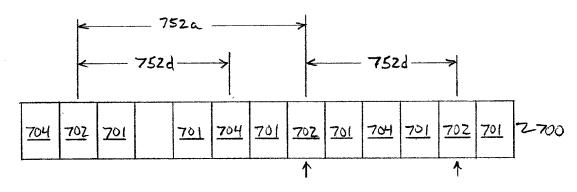




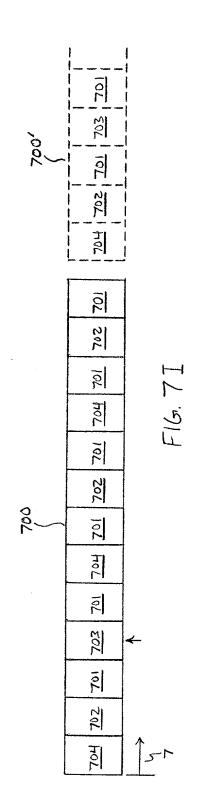
F16.7F

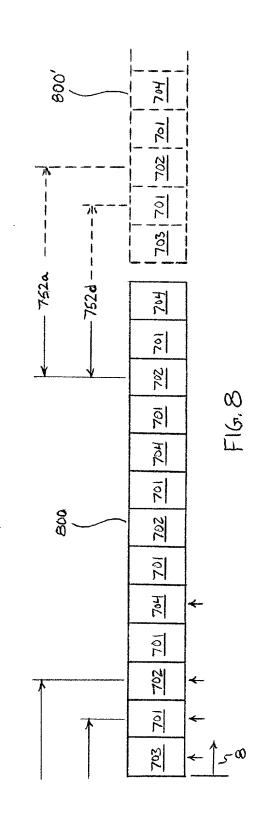


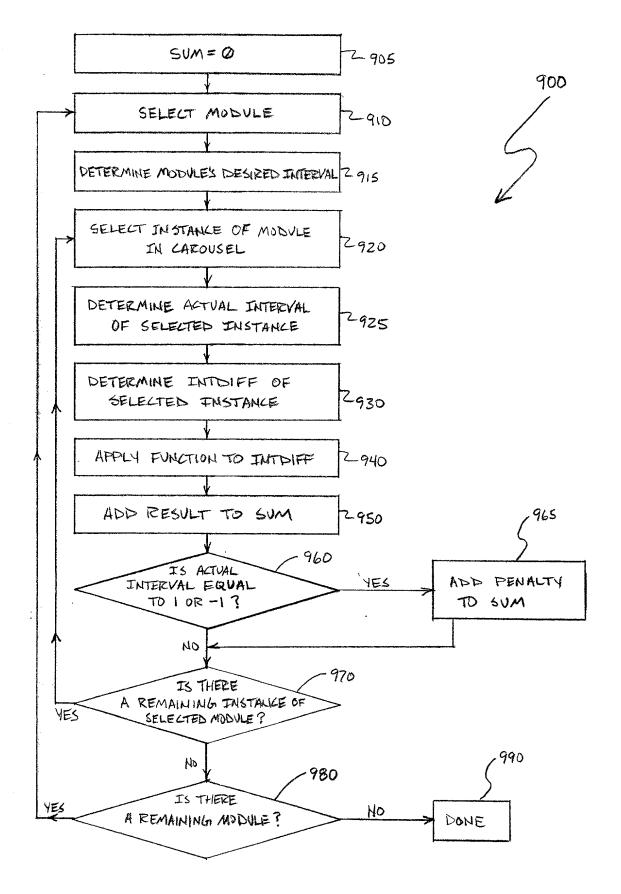
F16.76



F16.7H







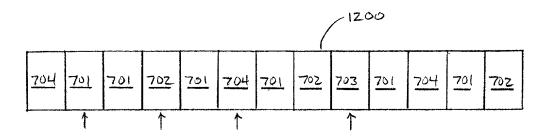
F16.9

| | | | 1000 | | | | | |
|--------|------------|---------------------|--------------------|-----------|--------|-----------|-------------|--|
| MODULE | INSTANCE | pesired Interval | ALTUAL INTERVAL | INTDIFF | RESULT | PENALTY | 3∪M | |
| 701 | 1 5 1 | 2 | 3 | 1 | 0.3 | 0 | 0.3 | |
| 701 | 224 | 2 | 2 | 0 | 0 | 0 | 0.3 | |
| 701 | 3 72 | 2 | 2 | 0 | o | ٥ | 0.3 | |
| 701 | 445 | 2 | 2 | 0 | 0 | 0 | 0.3 | |
| 701 | 5世 | 2 | Z | 0 | 0 | 0 | 0.3 | |
| 701 | 6世 | 2 | 2 | ٥ | 0 | 0 | 0.3 | |
| 702 | 15+ | н | 3 |) | 0.3 | 0 | 0.6 | |
| 702 | 2№ | Н | 6 | 2. | 0.7 | 0 | 1.3 | |
| 702 | 324 | 4 | 4 | 0 | 0 | 0 | 1.3 | |
| 703 | 154 | 13 | 13 | 0 | 0 | 0 | 1.3 | |
| 704 | 155 | Н | 5 | - 1 | 0.3 | 0. | 1.6 | |
| 704 | 22 | 4 | Ч | ٥ | D | 0 | 1.6 | |
| 704 | 374 | 4 | 4 | ٥ | 0 | O | 1.6 | |
| 1010 | لم 1020 | ~ 1030 | 4040 | 4 1050 | 1060 | h 1070 | 1080 (| |

FIG. 10

| | | | | 1100 | | | | |
|--------|----------|---------------------|--------------------|---------|--------|---------|--------|--|
| MODULE | INSTANCE | DESTRED THTERVAL | ACTVAL INTERVAL | INTDIFF | RESULT | PENALTY | SUM | |
| 701 | 154 | 2 | 3 | ١ | 0.3 | 0 | 0.3 | |
| 701 | 212 | 2 | 2 | 0 | 0 | 0 | 0.3 | |
| . 701 | 34 | .2 | 2 | . 0 . | . 0 | 0 | 0.3 | |
| 701 | 니산 | 2 | 2 | 0 | Ø | 0 | 0.3 | |
| 701 | 5±5 | 2 | 7. | 0 | . 0 | 0 | 0.3 | |
| 701 | 65 | 2 | 7. | 0 | ø | ٥ | 0.3 | |
| 702 | 15 | 4 | 5 | 1 | 0.3 | 0 | 0.6 | |
| 702 | 22 | 4 | 4 | 0 | 0 | 0 | 0.6 | |
| 702 | 32 | н | Ч | 0 | U | 0 | 0,6 | |
| 703 | 154 | 13 | 13 | 0 | 0 | 0 | 0.6 | |
| 704 | 1월 | н | \$ | 1 | 0.3 | 0 | 0.9 | |
| 704 | 2.08 | Н | Н , | 0 | 0 | 0 | ୦.ବ | |
| 704 | 374 | 4 | Н | 0 | 0 | 0 | 0.9 | |
| 4 | Ч | 4 | 4 | 4 | 4 | h |) / | |
| 1110 | 1120 | 1130 | 1140 | 1150 | 1160 | 1170 | 1180 (| |

F16.11



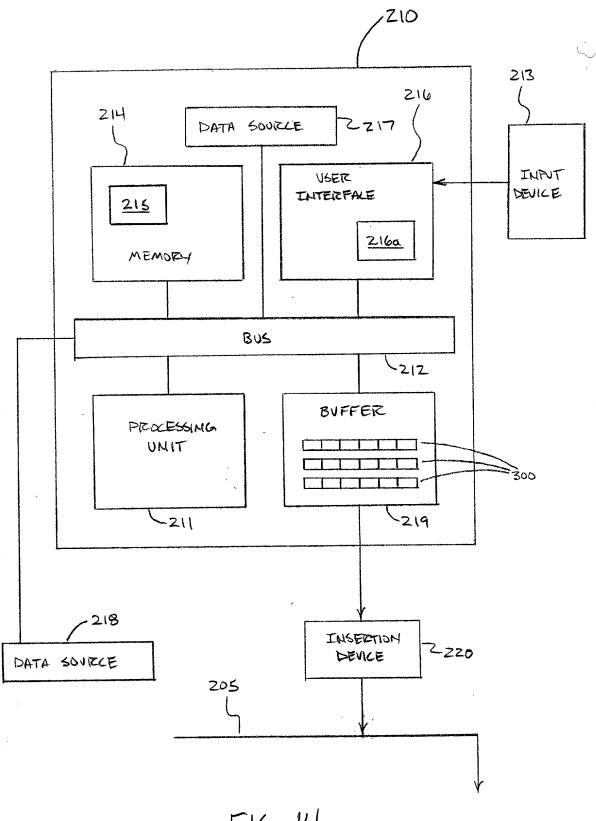
F1G. 12

| | | 1300 | | | | | |
|--------|------------|-----------|--------------------|-----------|--------|---------|--------|
| MODULE | INSTANCE | DESIRED | ACTVAL INTERVAL | INTOEFF | RESULT | PENALTY | SVM |
| 701 | 182 | 2 | 3 | 1 | 0.3 | 0 | 0.3 |
| 701 | 212 | 2 | 1 | -1 | 0.3 | 5.0 | 5.6 |
| 701 | 379 | 2 | 2 | 0 | ٥ | 0 | 5.6 |
| 701 | 45 | 2 | .2 | 0 | 0 | 0 | 5.6 |
| 701 | 5 <u>#</u> | 2 | 3 | 1 | 0.3 | ٥ | 5.9 |
| 701 | 64 | 2 | 2 | 0 | 0 | ٥ | 5.9 |
| 707 | 154 | 4 | 4 | 0 | 0 | 9 | 5.9 |
| 702 | 20 | 4 | 4 | 0 | ٥ | 0 | 5,9 |
| 702 | 30 | 4 | S | l | 0.3 | 0 | 6.2 |
| 703 | 154 | 13 | 13 | 0 | ن | 0 | 6.2 |
| 704 | 154 | 4 | S | ı | 0.3 | 0 | 6.5 |
| 704 | 2.04 | 4 | 5 | ì | 0,3 | 0 | 6.8 |
| 704 | 34 | 4 | 3 | -1 | 0,3 | D | 7.1 |
| 1310 | 1320 | h 1330 | 1340 | h 1350 | 1360 | 1378 | 1380 (|

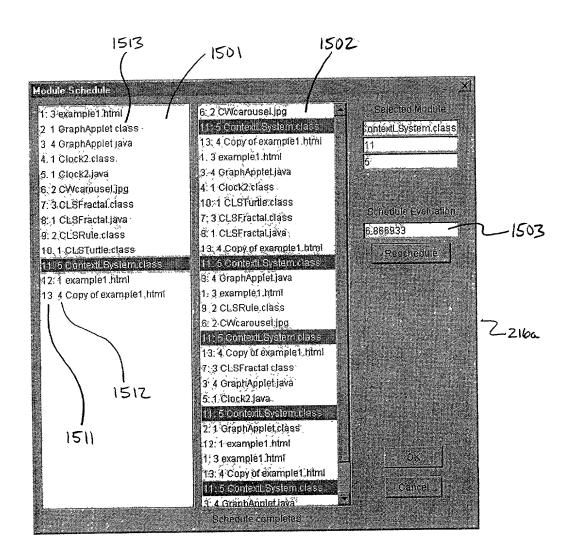
F16.13

~

3.



F16.14



F16, 15